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Form 3160–3 (November 1983)	11611		SUBMIT IN T		Budget Bure	au No. 1004-013
(formerly 9-331C)		TED STATES T OF THE INTEI	RECEME	stůe)	Expires Aug	ust 31, 1985
		LAND MANAGEMEI			5. LEASE DESIGNAT	ION AND BERIAL, NO.
				<u>W. An</u>	0. IF INDIAN, ALLO	
ATTLICATO	IN FOR PERMIT	TO DRILL, DEEP	ENNURPLUG	BACK	1	THE OR TRIBE NAME
Df		DEEPEN	CARPLUG BA	CK x	7. UNIT AGREEMEN	T NAME
D. TYPE OF WELL	GAR	8	AREMIN		<u>N/A</u>	
WELL LX.	WELL OTHER		ONE LA ZONE		S. FARM OR LEASE	
allwood Petro	leum, Inc.		RECEIV		9. WELL NO.	19 Federal
. O. Box 3781	11 Denver, CO 80 Report location clearly and)237 In accordance with any ?	State requirements)	'90	10. FIELD AND POOL	
nit G, 1950' /	FNL & 1980' FEL		O. C.	n	Eddy Undes.	DR BL.K
At proposed prod. zo			ARTESIA, C		AND SURVEY OF	AREA
4. DINTANCE IN MILES	AND DIRECTION FROM NEAT	LEST TOWN OR POST OFFIC			Sec. 19-T24S	-R29E
miles					Eddy	13. ATATE NM
5. DISTANCE FROM PROF LOCATION TO NEARES	47). OF ACRES IN LEASE	17. NO. 0 TO TI	F ACRES ANSIGNED	
(Also to nearest dr. 8. DISTANCE FROM PRO	LINE, FT. 1920		960		320	
TO NEAREST WELL, I OR APPLIED FOR, ON TH	DRILLING, COMPLETED.	19. 19	OPOSED DEPTH	20. ROTA	RT OR CARLE TOOLS	
. ELEVATIONS (Show wi	hether DF, RT, GR, etc.)	• I	± 9,665	<u> </u>	22. APPROX. DATE	WORK WILL START
,956' GR						
s.	Р	ROPOSED CASING ANE	CEMENTING PROGR.	AM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	1	QUANTITY OF CE	IENT
<u>7 - 1/2"</u> 2 - 1/4"	13 - 3/8"	48#	530 '	300 HL	C & 510 Class	5_''C''
$\frac{2}{3} - \frac{1}{4}$	<u>9 - 5/8"</u> 7"	47# & 40# 23#	2,630'		C. & 990 Class	
5 - 1/8"	4 - 1/2" Line		11,190' 13,500'		C & 525 C lass ass "H"	з "Н"
/0			TOL: 10,9			
allwood Petrol ormation (perf	eum, Inc. propos 'd @ 12,154-12,1	os) to the Bon	e springs forma	tion as	follows:	
allwood Petrol ormation (perf . MIRU com	wletion unit. N	D tree NU ROD	e Springs forma	tion as	follows:	
allwood Petrol ormation (perf . MIRU com . RIH w/wi	pletion unit. N	D tree, NU BOP.	e Springs forma Kill well, ci	tion as rc hole	follows: clean, and 1	100H w/ tbg.
allwood Petrol ormation (perf MIRU com RIH w/wi RIH w/wi RIH w/wi RU wirel necessar	pletion unit. N reline and set 4 reline and set 7 ine and run CBL-	D tree, NU BOP. ~1/2", 23# CIBP ", 23# CIBP at 9 GR from 7700' to	e Springs forma Kill well, ci at 12,040' KB. 9700' KB. Dump 9700'. Squee	tion as rc hole Dump 35' cm ze zone:	follows: clean, and 1 35' cmt on to t on top of p	00H w/ tbg. op of plug.
allwood Petrol prmation (perf MIRU com RIH w/wi RIH w/wi RU wirel necessar TIH w/2-	pletion unit. N reline and set 4 reline and set 7 ine and run CBL- y 3/8" tbg and swa	D tree, NU BOP. -1/2", 23# CIBP ", 23# CIBP at 9 GR from 7700' to	e Springs forma Kill well, ci at 12,040' KB. 9700' KB. Dump 9700'. Squee	tion as rc hole Dump 35' cm ze zone	follows: clean, and 1 35' cmt on to t on top of p s to be perfo	TOOH w/ tbg. op of plug. olug. orated if
allwood Petrol prmation (perf MIRU com RIH w/wi RIH w/wi RU wirel necessar TIH w/2- Perforat (202 sho	pletion unit. N reline and set 4 reline and set 7 ine and run CBL- y 3/8" tbg and swa e 2nd Bone Sprin ts), 90 degree p	D tree, NU BOP. -1/2", 23# CIBP ", 23# CIBP at 9 GR from 7700' to b well down to -	e Springs forma Kill well, ci at 12,040' KB. 9700' KB. Dump 9700'. Squee +/-7000'. TOOH	tion as rc hole Dump 35' cm ze zone: w/tbg.	follows: clean, and 1 35' cmt on to t on top of p s to be perfo	TOOH w/ tbg. op of plug. olug. orated if
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Para Arrestor

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DISTRICT J P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

	I., Aztec, NM 87410	All Distan	ces must be i	from the outer b	oundaries of	ATION PUA		1.5	
erator				Lease				Well No.	
Hallwood	Petroleum, I	nc		Quéen	Lake 19	Federal		1	
i Letter	Section	Township		Range			County	-1~	
G	19	245		29	E		Edd	y	
al Footage Loc	ation of Well:		l			<u>NMPN</u>	a	· · · · · · · · · · · · · · · · · · ·	
1950	feet from the	North	line and	198	0	feet from	nthe Eas	t line	
und level Elev.		g Formation		Pool		ica noi		Dedicated Acr	eage:
956' GR	Bone	Springs		Eddy U	ndes.			80	Acres
1. Outlin	e the acreage dedicated		by colored pend	il or hachure ma	rks on the pla	it below.			//0/05
3. If mo	re than one lease is ded re than one lease of diff ation, force-pooling, <u>etc</u>	ferent ownership is de ?	edicated to the	well, have the in	terest of all or		_		
this form	Yes r is "no" list the owner a if neccessary vable will be assigned t	s and tract description	18 which have		nsolidated. (U			ng, or otherwise)	
	non-standard unit, elin								
	1	•	****	urry.			OPERAT	FOR CERTIF	ICATION
-			1920'				contained here best of my know Signature Holly S. Printed Name	cerify that in in true and viedge and belief <u>Richardsc</u> Eng. Tech	complete to t
					1980'		Position Hallwood Company 10/22/90 Date	Petroleum	n, Inc.
							I hereby certi	YOR CERTI	l location sh
				 			actual survey supervison, a correct to th belief	was plotted fro is made by m nd that the sa ne best of my (as attack	e or under me is true knowledge
							Signature & S Professional S		
	1	1					Certificate No		

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088 Form C-102 Revised 1-1-89

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Nov 5 11 39 AH '90

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HNG OIL C	ю.		Let	o∎e OUEEN LAKE 19	-FEDERAT	Well No.
nit Letter	Section	Township	I	Range	County	I
G	19	24 SOU	тн	29 EAST	EDDY	
ctual Footage Lo	cation of Well;					
1980		EAST	line and 192	20	t from the NORTH	
ound Level Elev. 2956	1		Poo	01		line edicated Acreage:
	Morr		V	Wildcat		320
2. If more the interest a	han one lease i nd royalty).	s dedicated to	the well, ou	utline each and ide	ntify the ownership the	reof (both as to worki
Yes If answer this form i No allowat	No If a is "no," list the f necessary.)	answer is "yes owners and tr 	'' type of con ract descripti	nsolidation	have the interests of a tually been consolidate onsolidated (by commu h interests, has been ap	d. (Use reverse side i
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	1					ry Analyst
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John Winn HNG Oil Co	Cavenaugh et Impany 100% W	al 6.25% C 'I	IRR		HNG OIL	
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